Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Monday 28 Aug 2023 until 23:59 on Tuesday 29 Aug 2023

Forecast Issued on Sunday 27 Aug 2023 at 14:24

Confidence: High for prevailing changeable theme, but low for detail, especially for cloud. Confidence becomes low from Thursday with arrival of an Atlantic weather system.

Headline for Monday 28 Aug 2023: Cloud thinning and breaking from the west to brighter skies by Monday afternoon. Mostly light winds.

Mountain weather hazards on Monday 28 Aug 2023

Blizzards
No Likelihood

Gales
No Likelihood

Thunderstorms
No Likelihood

Heavy persistent snow
No Likelihood

Severe chill effect
No Likelihood

Heavy persistent rain
No Likelihood

Storm force winds
No Likelihood

Poor visibility
Medium Likelihood

Strong sunlight
Low Likelihood

Weather and chance of precipitation at 600m

Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Light rain	Drizzle	Mist	Sunny intervals	Sunny intervals	Cloudy	Sunny intervals	Cloudy
Precipitation probability							
50%	40%	40%	30%	30%	20%	20%	10%

Forecast for Monday 28 Aug 2023

Weather: A damp start with some further rain and drizzle slowly dying out. Turning drier and brighter through Monday morning, with best of sunshine developing across more sheltered eastern areas.

Chance of cloud-free hill tops above 600m: 20% or less for much of the early hours of Monday morning, becoming 40% by mid-morning and 70% or more in afternoon and evening. Cloud may infill for a time in the afternoon, with mostly cloudy skies.

Low cloud and visibility: Broken to overcast bases lowering to 500m during early hours of Monday morning. Cloud bases then becoming broken 800m by early afternoon, and probably scattered bases thereafter, especially in sheltered eastern areas. Cloud bases lowering again around dusk period. Visibility becoming moderate to poor in early hours of Monday morning, then becoming good or very good for afternoon and evening, but moderate in showers following, and very poor visibility in cloud.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Met Office Mountain Weather Forecast

Forecast for Monday 28 Aug 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	10/14 W	10/13 W	10/14 W	12/17 NW	14/20 NW	14/21 NW	12/18 W	10/14 W	10/15 W
300	7/11 W	7/11 W	8/13 W	11/16 NW	12/19 NW	13/20 W	10/16 W	7/11 W	7/11 SW
Valley	4/8 W	4/9 W	5/12 W	9/16 NW	10/19 NW	11/21 NW	8/17 W	4/10 W	3/8 SW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	10/7	9/7	9/6	10/8	12/10	12/10	11/8	10/7	9/7
300	12/10	11/10	11/10	13/11	15/12	15/13	14/12	12/11	12/10
Valley	12/11	12/11	11/10	14/12	16/14	16/14	14/13	12/12	12/12
Freezing Level*	2300m	2100m	2000m	1800m	1900m	2100m	2100m	2000m	2000m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Gusts may be a little higher across peaks and some ridges in afternoon. Sun protection may be required in any sunshine.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Sun 27 Aug 2023	0mm	0.2mm	0.2mm

Forecast for Tuesday 29 Aug 2023

Weather: A misty start with possible fog at first in some valleys. Generally cloudy with some showery rain crossing from the west and northwest in the morning. Drier and brighter in afternoon with some sunny spells, and a few mostly light rain showers, these continuing into the evening period. Feeling humid in the afternoon.

Maximum wind: West or NW with gusts 20-25mph in the afternoon.

Chance of cloud-free hill tops above 600m: 20% or less during much of Tuesday morning then becoming 90% or more in the afternoon.

Low cloud and visibility: Broken to overcast bases 600m developing during early hours, with little change likely after dawn. In afternoon cloud lifting and breaking to scattered bases 900m. Visibility becoming moderate or poor during early hours then improving in afternoon to very good, but very poor visibility in cloud. Moderate visibility likely in showers during afternoon and evening.

Temperature: **Valleys:** Plus 9 degrees Celsius becoming plus 20 degrees Celsius.
At 600m: Plus 9 degrees Celsius becoming plus 12 degrees Celsius.
Freezing level: Well above summits.

Friday	Uncertainty with regard to the clearance of the weather system, with outbreaks of rain perhaps continuing into Friday, then probably becoming showery in afternoon with some brighter spells, and feeling humid once again.

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